

NANTAHALA RIVER BYPASSED REACH BELOW DICKS CREEK CONFLUENCE @ PHABSIM SITE 09:29 Monday, July 15, 2013

DA = 101 SQ MI (35.23721 -83.64505)

PERIOD 1/1/1967 TO 9/30/2006 - WATERFALL SIMULATION, - 1970S LAND COVER W/ NO ALTERATIONS

		MONTH												
		ANNUAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	MEAN	215.06	306.69	382.13	376.55	265.77	182.43	151.53	110.51	93.526	84.419	120.03	233.22	284.48
	ST DEV	337.43	434.17	464.67	475.09	321.58	309.96	216.28	178.98	186.17	201.3	260.36	299.24	322.9
	OBS	14518	1240	1130	1240	1200	1240	1200	1240	1240	1200	1209	1170	1209
	MIN	0.479	4.6	25.304	21.049	25.257	11.067	5.419	0.544	0.479	0.755	1.738	5.408	4.892
	PERCT 1	8.909	24.403	36.182	31.998	27.729	19.885	13.887	7.324	6.817	7.572	7.472	6.452	26.097
	PERCT 5	17.048	34.765	45.663	42.178	36.316	26.337	19.852	14.437	10.571	11.184	11.218	15.601	35.273
	PERCT 10	23.211	43.8	52.343	49.375	41.323	32.414	24.658	18.177	13.351	14.325	16.182	23.537	40.046
	PERCT 25	37.91	59.103	66.225	72.3	56.496	46.617	36.927	26.183	21.591	23.177	23.398	38.62	54.014
	MEDIAN	66.556	118.91	232.44	248.36	140.73	66.304	52.972	38.426	33.642	34.194	39.802	119.13	153.9
	PERCT 75	285.22	424.76	531.45	509.03	372.28	216.16	171.74	109.59	58.831	55.53	91.82	322.25	425.61
	PERCT 90	573.34	750.36	903.59	803.8	644.42	457.68	443.43	305.05	268.25	156.61	310.6	586.47	682.6
	PERCT 95	787.44	1015.1	1195.6	1037.1	836.82	617.05	631.03	449.04	416.24	328.97	488.72	780.7	855.79
	PERCT 99	1545.9	2271.1	2183.5	2212.6	1495.7	1405	964.41	844.71	699.13	1058.7	1243	1548.4	1559.8
	MAX	5961.9	5961.9	5498.9	5790.5	2711.7	4569.9	1953.3	1794.7	2892.6	2792.2	4665.5	2130.2	3345.7
	LN(7D)MEAN	1.2449	1.8737	2.0106	2.027	1.8895	1.6963	1.6089	1.5188	1.3728	1.3713	1.4427	1.6481	1.8985
	LN(7D)STD	0.2212	0.2753	0.3047	0.2939	0.2751	0.1828	0.2272	0.3053	0.2425	0.2454	0.2806	0.4074	0.3494
	LN(7D)SKEW	-0.533	0.7403	0.6868	0.0063	0.2286	-0.185	0.5448	0.5885	-0.497	-0.329	-0.017	-0.206	0.5689
	7Q10	8.9584	35.487	44.625	44.72	35.029	28.756	21.596	14.19	11.28	11.208	12.094	13.121	30.033

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		MONTH			
		DEC-MAR	APR-JUN	JUL-SEP	OCT-NOV
	MEAN	336.78	199.72	96.279	175.7
	ST DEV	430.2	290.69	189.16	285.76
	OBS	4819	3640	3680	2379
	MIN	4.6	5.419	0.479	1.738
	PERCT 1	27.509	17.295	6.985	7.102
	PERCT 5	38.614	25.223	11.574	11.733
	PERCT 10	44.965	31.81	15.061	18.483
	PERCT 25	62.277	44.825	23.585	28.837
	MEDIAN	193.66	67.524	35.524	51.403
	PERCT 75	472.44	264.32	64.297	224.32
	PERCT 90	777.2	514.68	262.05	460.11
	PERCT 95	1025.3	714.86	413.08	665.75
	PERCT 99	1997.3	1336.9	850.75	1401
	MAX	5961.9	4569.9	2892.6	4665.5
	LN(7D)MEAN	1.6932	1.5664	1.2879	1.4187
	LN(7D)STD	0.1783	0.1702	0.2212	0.2969
	LN(7D)SKEW	0.4016	-0.654	-0.487	-0.094
	7Q10	29.767	21.888	9.9014	10.846